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**ACCESSORY POWER™**

**BG-550D  
BATTERY GRIP**



**INSTRUCTION MANUAL**

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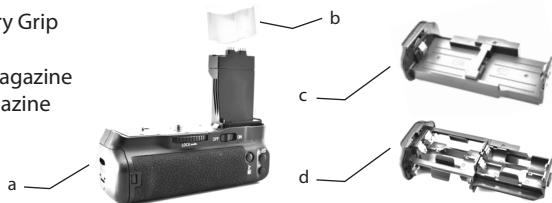
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**Thank you** for purchasing the **Accessory Power BG-550D Battery Grip** for Canon T2i dSLR Cameras. This battery grip is uniquely constructed with easy to load battery chambers and magazines. There are many helpful diagrams and troubleshooting instructions to ensure you can use the **BG-550D** safely and to its fullest potential for years to come.

## What's in the box?

- a - BG-550D Battery Grip
- b - Contact Cap
- c - LP-E8 Battery Magazine
- d - AA Battery Magazine

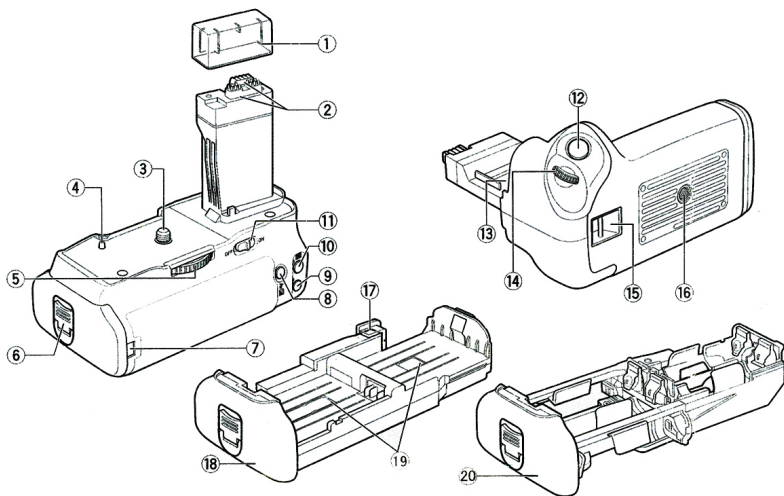


## Quick Start Guide

- 1- Remove the LP-E8 battery and battery compartment cover from your Canon dSLR Camera. Place the detached battery compartment cover in the *(13) Battery-Compartment Cover Slot*
- 2- Remove the *(1) Contact Cap* from the metal contacts of the **BG-550D**. Next, insert the *(2) Control Contacts* into the camera battery compartment.
- 3- Align the *(3) Mounting Screw* with the *(16) Tripod Socket* on the bottom of your Canon dSLR Camera. Once they are aligned, spin the *(5) Attachment Wheel* to the right. If you have trouble, please locate the word "LOCK" under the *(5) Attachment Wheel*. There is an arrow pointing in the correct direction for proper attachment.
- 4- Locate the *(6) Battery Magazine Latch* and turn it clockwise. You can then open the *(17) Battery Magazine Cover*.
- 5- Insert one or two LP-E8 Li-Ion battery packs.
- 6- If you wish to use AA batteries insert them into the *(20) AA Battery Magazine*.
- 7- Remove the *(17) Battery Magazine Cover*. Then insert the battery magazine into the **BG-550D** and secure the *(6) Battery Magazine Latch*. You can now supply your Canon dSLR with power from the grip and utilize grip control functions.
- 8- For vertical shooting, turn the *(11) Vertical-Grip Operation Switch* to the unlocked position. This will enable vertical controls. Vertical buttons and dials will function the same way as the OEM controls of your Canon dSLR Camera.

## Product Diagram

- |  |                                    |
|--|------------------------------------|
| 1- Contact Cap                           | 11- Vertical-Grip Operation Switch |
| 2- Control Contacts                      | 12- Shutter-Release Button         |
| 3- Mounting Screw                        | 13- Battery-Compartment Cover Slot |
| 4- Guide Pin                             | 14- Main Control Dial              |
| 5- Attachment Wheel                      | 15- Hand Strap Mount               |
| 6- Battery Magazine Latch                | 16- Tripod Socket                  |
| 7- DC Cord Mount                         | 17- Battery Magazine Cover         |
| 8- Aperture/Exposure Compensation Button | 18- LP-E8 Battery Magazine         |
| 9- AF-L Magnify Button                   | 19- LP-E8 Battery Slot             |
| 10- AE-L Reduce Button                   | 20- AA Battery Magazine            |



## Operating Instructions:

### Vertical-Grip Operation Switch

The (11) *Vertical-Grip Operation Switch* enables and disables the (12) *Shutter-Release Button* and (14) *Main Control Dial* on the **BG-550D** to prevent unintended use while shooting horizontally. Before using these vertical controls, release the (11) *Vertical-Grip Operation Switch*. The (11) *Vertical-Grip Operations Switch* is not a power switch, but only means of toggling between horizontal and vertical shooting. The **BG-550D's** functionality and power is in sync with the power switch on your Canon dSLR Camera. Please use your camera to toggle Power ON and OFF.

### Shutter-Release Button and Command Dials

The **BG-550D** is equipped with a (12) *Shutter-Release Button* and (14) *Main Control Dial* for shooting vertically. These controls perform the same functions as the corresponding controls on your Canon dSLR Camera. Please refer to your Canon's Guide to Digital Photography for more detailed information.

### AE-L/AF-L Buttons

The **BG-550D** is equipped with an (9) *AF-L Magnify Button*, (10) *AE-L Reduce Button* and (8) *Aperture/Exposure Compensation Button* for shooting vertically. These buttons perform the same functions as the corresponding buttons on your Canon dSLR Camera. Please refer to your Canon's Guide to Digital Photography for more detailed information.

### Attaching the BG-550D

Before attaching the **BG-550D**, be sure that your Canon dSLR Camera power is OFF, and that **BG-550D's** (11) *Vertical-Grip Operation Switch* is in the "OFF" position. Remove the (1) *Contact Cap* from the **BG-550D**. Be sure to replace the cap when the **BG-550D** is not in use. The (1) *Contact Cap* can be threaded onto your camera strap when removed from the **BG-550D**.

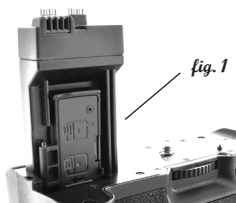
## Operating Instructions (continued):

Open your Canon dSLR Camera's battery-compartment cover. Remove the battery-compartment cover from your camera. On the neck of the **BG-550D**, locate the (13) *Battery-compartment Cover Slot* in which your battery-compartment cover can be placed (See Figure 1).

Remove your battery pack if there is one inside.

Slide neck of the **BG-550D** into your Canon dSLR Camera's battery compartment.

Firmly tighten the (5) *Attachment Wheel* by rotating it in the direction shown by the LOCK arrow.



### Inserting Batteries

The **BG-550D** can be used with one or two LP-E8 Rechargeable Li-Ion batteries or with 6 AA batteries inserted in the (20) *AA Battery Magazine*. Before inserting batteries, be sure that the camera is OFF and that the BG-550D (11) *Vertical-Grip Operation Switch* is in the "OFF" position.

Turn the (6) *Battery Magazine Latch* counter-clockwise and remove the battery magazine.

For use with LP-E8 battery packs, insert them into the (18) *LP-E8 Battery Magazine*.

For use with AA batteries, insert the batteries into the (20) *AA Battery Magazine*. Please be sure that the "+" and "-" are correctly aligned.

Once you have prepared the correct battery magazine, insert and firmly close the (17) *Battery Magazine Cover*. Next, turn the (6) *Battery Magazine Latch* until it is in the fully-locked position.

Turn your Canon dSLR Camera's power ON, and check the battery level in the control panel or viewfinder. If the LP-E8 batteries are not 100% full, battery levels can be verified with the battery info option in your camera setup menu.

continued >>>

## Operating Instructions (continued):

### Removing BG-550D

To remove the **BG-550D**, turn your Canon dSLR Camera's power OFF, and set the (11) *Vertical-Grip Operation Switch* to the "OFF" position and then follow the above steps in the reverse order. Be sure to reconnect your battery-compartment cover to your Canon dSLR Camera.

## Trouble Shooting:

**If you are having trouble attaching the BG-550D to your Canon dSLR Camera, please try the following:**

- Be sure that you tighten the (3) *Mounting Screw* on the **BG-550D** into the tripod socket on the bottom of your Canon dSLR Camera. You may tighten the connection between **BG-550D** and your Canon Camera by twisting the (5) *Attachment Wheel* to the right, following the arrow.
- Please be sure that you are attempting to connect the **BG-550D** with a Canon T2i dSLR Camera

**If you are having trouble getting power from the BG-550D, try the following:**

- Verify a proper connection by carefully repeating the instructions for attaching **BG-550D** to your Canon dSLR Camera. Completely remove the **BG-550D** from your Canon dSLR Camera, and then reattach it. Please keep in mind that you must tighten the (5) *Attachment Wheel* firmly.
- Check to make sure that the batteries have been properly inserted.
- If you are using AA rechargeable batteries, please make sure that all "+" and "-" signs are aligned correctly.
- Make sure that the batteries you've inserted have a charge.
- Double check that the power to your Canon dSLR Camera is ON. The **BG-550D** does not have a power switch, as it has been uniquely integrated with the power function on your camera.

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## Trouble Shooting (continued):

### Shutter-Release Button and other Vertical Functions are not working:

Make sure the (11) *Vertical-Grip Operation Switch* is in the “ON” position. Refer to the section on “Vertical-Grip Operation Switch” in the beginning of this manual. The vertical control features on the **BG-550D** act the same as the OEM buttons on your Canon dSLR Camera. Please consult your Canon User’s Manual for more details.

### Cautions:

- The **BG-550D** battery grip was intended for use with Canon T2i dSLR Cameras.
- Please only operate this device with the batteries and battery magazines mentioned in this manual. The **BG-550D** is compatible with LP-E8 equivalent Li-Ion battery packs, Ni-MH or Alkaline AA batteries, and the included battery magazines.
- To prevent electrical shorts caused by metal objects touching the metal contacts of the **BG-550D**, please place the (1) *Contact Cap* over the (2) *Control Contacts* when the **BG-550D** is not in use. Similarly, when the (20) *AA Battery Magazine* is removed from the **BG-550D**, please be sure that metal objects do not come into contact with the AA Battery Magazine Control Contacts while batteries are inserted.
- Should you notice any smoke, or an unusual smell or noise from the **BG-550D**, please discontinue use, as there may be a problem with the internal electrical circuitry. After removing your batteries, contact the retailer or manufacturer for full support.

Your Accessory Power **BG-550D** Battery Grip has a 3 Year Warranty.

Go to [www.AccessoryPower.com/warranty](http://www.AccessoryPower.com/warranty) to register online and take advantage of full warranty and access to special offers.

## Product Specifications

Power Source: One or two LP-E8 equivalent rechargeable Li-Ion battery packs;  
6 Alkaline, Lithium, NiMn or Ni-MH Rechargeable AA Batteries

Optimum Operating Temperature:  $0\pm40^{\circ}\text{C}$  ( $+32-104^{\circ}\text{F}$ )

Dimensions: Approximately 131.8mm x 108mm x 79.9mm / 5.2in x 4.3in x 3.1in

Weight: Approximately 230g (8.1oz), excluding batteries.



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